

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): A communication system comprising:

a transmitting station (1) including a first physical layer process section (904), a first MAC layer process section (~~903a, 903b~~), a first RLC layer process section (902), and a first RRC layer process section (901);

a receiving station (2) including a second physical layer process section (104), a second MAC layer process section (~~103a, 103b~~), a second RLC layer process section (102), and a second RRC layer process section (101); and

an HS-SCCH and an HS-PDSCH connecting between said transmitting station (1) and said receiving station (2), wherein

said transmitting station (1) transmits control information for controlling said receiving station (2) to said receiving station (2) through said HS-PDSCH without making said control information go through a process by said first RRC layer process section (901), and

said receiving station (2) performs a prescribed process based on said control information received from said transmitting station (1) without making said control information go through a process by said second RRC layer process section (101).

Claim 2 (Original): The communication system according to claim 1, wherein

said control information is control information on the number of to-be-received HS-SCCHs, and

said prescribed process is a process of changing the number of to-be-received HS-SCCHs.

Claim 3 (Currently Amended): The communication system according to claim 1, wherein

upper layer data sent to said first physical layer process section (904) from an upper protocol layer than said first physical layer process section (904) is transmitted to said receiving station (2) through said HS-PDSCH, and

said control information is transmitted to said receiving station (2) at different timing from transmission timing of said upper layer data.

Claim 4 (Currently Amended): The communication system according to claim 1, wherein

upper layer data sent to said first physical layer process section (904) from an upper protocol layer than said first physical layer process section (904) is transmitted to said receiving station (2) through said HS-PDSCH, and

said control information is multiplexed with said upper layer data, and transmitted to said receiving station (2) at the same timing as transmission timing of said upper layer data.

Claim 5 (Original): The communication system according to claim 4, wherein
said control information is transmitted through a first HS-PDSCH, and
said upper layer data is transmitted through a second HS-PDSCH different from said first HS-PDSCH.

Claim 6 (Currently Amended): The communication system according to claim 5, wherein

notifying information indicating that said control information is being transmitted from said transmitting station (1) is transmitted from said transmitting station (1) to said receiving station (2) through said HS-SCCH, and

said first HS-PDSCH is designated explicitly by said notifying information.

Claim 7 (Original): The communication system according to claim 5, wherein an HS-PDSCH following said second HS-PDSCH is allocated as said first HS-PDSCH.

Claim 8 (Original): The communication system according to claim 4, wherein said control information and said upper layer data are both transmitted through said HS-PDSCH.

Claim 9 (Currently Amended): The communication system according to claim 1, wherein

upper layer data sent to said first physical layer process section (904) from an upper protocol layer than said first physical layer process section (904) is transmitted to said receiving station (2) through said HS-PDSCH,

information indicating that data is being transmitted from said transmitting station (1) through said HS-PDSCH is transmitted from said transmitting station (1) to said receiving station (2) through said HS-SCCH,

said information includes a part for indicating said HS-PDSCH used for transmission of said data, and

when said transmitting station (1) transmits said control information to said receiving station (2), said receiving station (2) is notified that said control information is being

transmitted by the contents described in said part being different from the contents described in said part when said data is said upper layer data.

Claim 10 (Currently Amended): The communication system according to claim 1, wherein

upper layer data sent to said first physical layer process section (904) from an upper protocol layer than said first physical layer process section (904) is transmitted to said receiving station (2) through said HS-PDSCH,

information indicating that data is being transmitted from said transmitting station (1) through said HS-PDSCH is transmitted from said transmitting station (1) to said receiving station (2) through said HS-SCCH,

said information includes a part for indicating a data size of said data,

a data size of said control information is a fixed value, and notified to said receiving station (2) in advance, and

when said transmitting station (1) transmits said control information to said receiving station (2), said receiving station (2) is notified that said control information is being transmitted by the contents described in said part being different from the contents described in said part when said data is said upper layer data.

Claim 11 (Currently Amended): A transmitting station comprising:

a physical layer process section (904), a MAC layer process section (903a, 903b), an RLC layer process section (902), and an RRC layer process section (901),

said transmitting station transmitting control information for controlling a receiving station (2) to said receiving station through a prescribed channel without making said control information go through a process by said RRC layer process section (901).

Claim 12 (Currently Amended): A receiving station comprising:
a physical layer process section (~~104~~), a MAC layer process section (~~103a, 103b~~), an RLC layer process section (~~102~~), and an RRC layer process section (~~101~~),
said receiving station performing a prescribed process based on control information received from a transmitting station (~~1~~) through a prescribed channel without making said control information go through a process by said RRC layer process section (~~101~~).